

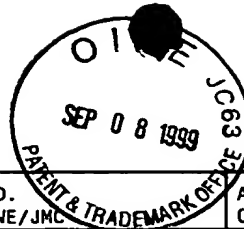
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| FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT | ATTY. DOCKET NO. 1483.0130002/RWE/JMC | APPLICATION NO. 09/321,882 |
| | APPLICANT UPASANI <i>et al.</i> | |
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| | AC1 | 3,822,298 ✓ | 07/02/1974 | Clayton <i>et al.</i> | 260 | 397.4 | 11/10/1972 |
| | AD1 | 3,882,151 ✓ | 05/06/1975 | Phillipps <i>et al.</i> | 260 | 397.45 | 12/16/1971 |
| | AE1 | 3,943,124 ✓ | 03/09/1976 | Phillipps <i>et al.</i> | 260 | 239.55R | 06/20/1974 |
| | AF1 | 3,953,429 ✓ | 04/27/1976 | Cook <i>et al.</i> | 260 | 239.55 | 02/19/1974 |
| | AG1 | 3,959,260 ✓ | 05/25/1976 | Phillipps <i>et al.</i> | 260 | 239.5 | 07/16/1974 |
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| | AI1 | 3,998,829 ✓ | 12/21/1976 | Phillipps <i>et al.</i> | 260 | 239.5 | 05/08/1973 |
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| BB | AL1 | DE 1 050 765 ✓ | 08/05/1959 | Germany | | | Yes No |
| | AM1 | GB 839,911 ✓ | 06/29/1960 | United Kingdom | | | Yes No |
| | AN1 | FR 1849M ✓ | 06/10/1963 | France | | | Yes No |
| | AO1 | FR 1,437,361 ✓ | 03/28/1966 | France | | | Yes No |
| BB | AP1 | DE 2 156 094 ✓ | 05/18/1972 | Germany | | | Yes No |

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| BB | AR | 1 ✓ | Atkinson, R.M. <i>et al.</i> , "Action of Some Steroids on the Central Nervous System of the Mouse. II. Pharmacology," <i>J. Med. Chem.</i> 8:426-432 (1965). |
| | AS | 1 ✓ | Atwal, K.S. <i>et al.</i> , "On Cardioactive Steroids. VI. The Synthesis of 17 α -Methyl Cardenolides," <i>Heterocycles</i> 19: 641-646 (1982). |
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| BB | AA2 | 4,297,350 ✓ | 10/27/1981 | Babcock <i>et al.</i> | 424 | 238 | 10/10/1978 |
| | AB2 | 5,120,723 ✓ | 06/09/1992 | Gee <i>et al.</i> | 514 | 176 | 05/10/1990 |
| | AC2 | 5,208,227 ✓ | 05/04/1993 | Gee <i>et al.</i> | 514 | 172 | 02/13/1991 |
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| | AE2 | 5,319,115 ✓ | 06/07/1994 | Tahir <i>et al.</i> | 552 | 609 | 03/04/1992 |
| | AF2 | 5,591,733 ✓ | 01/07/1997 | Bolger <i>et al.</i> | 514 | 172 | 08/02/1992 |
| BB | AG2 | 5,939,545 ✓ | 08/17/1999 | Upasani <i>et al.</i> | 540 | 110 | 07/02/1997 |
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|---------------------|-----|-----------------|------------|----------------|-------|-----------|-------------|
| BB | AL2 | GB 1 380 248 ✓ | 01/08/1975 | United Kingdom | | | Yes No |
| | AM2 | GB 1 432 135 ✓ | 04/17/1976 | United Kingdom | | | Yes No |
| | AN2 | GB 1 581 235 ✓ | 12/10/1980 | United Kingdom | | | Yes No |
| | AO2 | WO 93/03732 ✓ | 03/04/1993 | WIPO | | | Yes No |
| BB | AP2 | WO 94/27608 ✓ | 12/08/1994 | WIPO | | | Yes No |

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|---------------------|-----|-----------------|------------|---------|-------|-----------|-------------|
| BB | AL3 | WO 95/21617 ✓ | 08/17/1995 | WIPO | | | Yes No |
| BB | AM3 | WO 96/16076 ✓ | 05/30/1996 | WIPO | | | Yes No |
| | AN | | | | | | Yes No |
| | AO | | | | | | Yes No |
| | AP | | | | | | Yes No |

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| BB | AR | 3 | Cocker, J.D. <i>et al.</i> , "Action of some steroids on the central nervous system of the mouse. I. Synthetic methods," <i>Chem. Abstr.</i> 63: 4361f (1965). |
| | AS | 3 | Cocker, J.D. <i>et al.</i> , "Action of Some Steroids on the Central Nervous System of the Mouse. I. Synthetic Methods," <i>J. Med. Chem.</i> 8:417-425 (1965). |
| BB | AT | 3 ✓ | Cross, A.D. <i>et al.</i> , "Steroids CCLXXII. Biologically-Active Labile Ethers III. A New Class of Potent Estrogens," <i>Steroids</i> 5:557-583 (1965). |

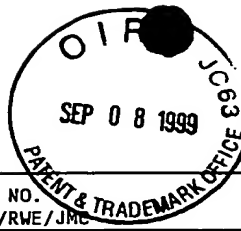
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| | AL | | | | | | Yes No |
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| 7B 7D | AR | 4 | Drasar, P. <i>et al.</i> , "Alternative Synthesis of Steroidal Maleimides," <i>Collection Czechoslovak Chem. Comm.</i> 48: 1224-1232 (1983). |
| | AS | 4 | Engel, Ch.R. <i>et al.</i> , "Favorsky Rearrangements of α -Halogenated Acetylcycloalkanes," <i>J. Org. Chem.</i> 47:4485-4491 (1982). |
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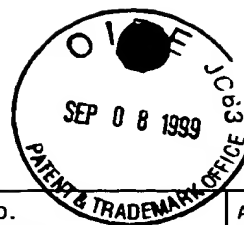
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| | AL | | | | | | Yes No |
| | AM | | | | | | Yes No |
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| | AP | | | | | | Yes No |

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| BP | ✓ AT | 5 | Gee, K.W. and Yamamura, H.I., "Benzodiazepines and Barbiturates: Drugs for the Treatment of Anxiety, Insomnia, and Seizure Disorders," in: <i>Drugs in Central Nervous System Disorders</i> , D.C. Horwell (Ed.), New York: Marcel Dekker, pp. 123-147 (1985). |

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| | AL | | | | | | Yes No |
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| BB | ✓ AR | 6 | Gee, K.W. <i>et al.</i> , "GABA-dependent modulation of the Cl ⁻ ionophore by steroids in rat brain," <i>Eur. J. Pharmacol.</i> 136:419-423 (1987). |
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| BB | ✓ AT | 6 | Grieco, P.A. and Stuk, T.L., "Remote Oxidation of Unactivated C-H Bonds in Steroids via Oxometalloporphyrinates," <i>J. Am. Chem. Soc.</i> 112:7799-7801 (1990). |

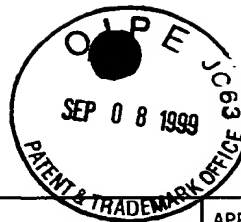
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| BP | AR ✓ | Z | Harrison, N.L. <i>et al.</i> , "Structure-Activity Relationships for Steroid Interaction with the γ -Aminobutyric Acid _A Receptor Complex," <i>J. Pharmacol. Exp. Ther.</i> 241:346-353 (1987). |
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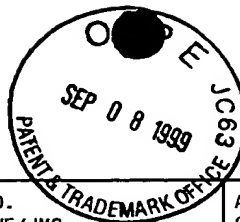
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| | AS | 8 ✓ | Im, W.B. <i>et al.</i> , "Studies on the Mechanism of Interactions between Anesthetic Steroids and γ -Aminobutyric Acid-A Receptors," <i>Mol. Pharmacol.</i> 37:429-434 (1990). |
| | AT | 8 ✓ | Kirk, D.N. and Yeoh, B.L., "New Syntheses of 19,21-Dihydroxypregn-4-ene-3, 20-dione, 21-Hydroxy-19-norpregn-4-ene-3, 20-dione, and 11 β ,19,21-Trihydroxypregn-4-ene-3,20-dione," <i>J. Chem. Soc. Perkin Trans. I</i> :2945-2951 (1983). |

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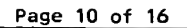
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| BP | ✓ AT | 2 | Lan, N.C. <i>et al.</i> , "Identification and Characterization of a Pregnane Steroid Recognition Site That is Functionally Coupled to an Expressed GABA _A Receptor," <i>Neurochem. Res.</i> 16:347-356 (1991). |

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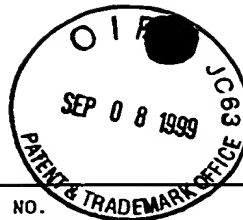
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INFORMATION DISCLOSURE STATEMENT

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| | APPLICANT UPASANI <i>et al.</i> | |
| | FILING DATE May 28, 1999 | GROUP 1614 |

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| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB-CLASS | FILING DATE |
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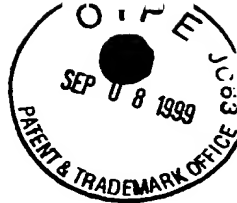
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| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB-CLASS | TRANSLATION |
| | AL | | | | | | Yes No |
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

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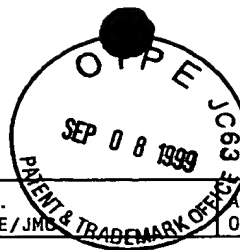
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| OTHER (Including Author, Title, Date, Pertinent Pages, etc.) | | | |
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| BB | ✓ AR | 12 | Neef, G. <i>et al.</i> , "Reaction of Unsaturated Sulfoxides with Alkylolithiums," <i>Tetrahedron Lett.</i> 21:903-906 (1980). |
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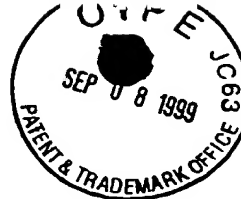
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EXAMINER 7Bada

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| BB | AR | 16 | English abstract of French Patent Document No. FR 1, 437, 361 (Reference A01), Derwent abstract no. 66-05905F/00(1966). |
| | ✓ AS | 16 | International Search Report issued by PCT International Searching Authority for Application No. PCT/US96/10115, mailed February 17, 1997. |
| | ✓ AT | 16 | Communication Relating to the Results of the Partial International Search issued by ISA/EPO for PCT/US96/10115, filed June 6, 1996. |

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